

Title (en)

Method of detecting radioactive substance.

Title (de)

Verfahren zur Untersuchung der Radioaktivität eines Materials.

Title (fr)

Méthode pour la détection de la substance radioactive.

Publication

**EP 0127866 A1 19841212 (EN)**

Application

**EP 84106077 A 19840528**

Priority

- JP 9360083 A 19830527
- JP 10363483 A 19830610
- JP 10363583 A 19830610

Abstract (en)

[origin: CA1226977A] METHOD OF DETECTING RADIOACTIVE SUBSTANCE A method of detecting radioactive substance in a liquid sample in which the liquid sample is supplied continuously or intermittently to a radiation-measuring instrument containing a stimuable phosphor. The said measuring instrument is kept in contact with the liquid sample for a given period of time to cause the instrument to absorb at least a portion of radiation energy emitted by the radioactive substance in said liquid sample. The measuring instrument is irradiated with an electromagnetic wave to release the radiation energy stored in the instrument as stimulated emission. The emission is photoelectrically detected to measure radioactivity of said liquid sample sequentially. The method is particularly useful when employed in conjunction with liquid chromatography.

IPC 1-7

**G01T 1/29**

IPC 8 full level

**G01T 1/29** (2006.01); **G01T 7/04** (2006.01); **G01N 30/84** (2006.01)

CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (application)

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